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Certificate of Analysis

Product	48535 - Erythromycin for tissue culture - [114-07-8]
Batch No	8875817
Analysis Date	02-Aug-2023
Date of Manufacture	August 2023
Expiry Date/Re-Test Date	August 2028
Molecular Formula	C37H67NO13
Molecular Weight	733.93

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off - white	White
Appearance (Form)	Hygroscopic powder	Hygroscopic powder
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless	Colourless
Potency	min. 920 units/mg	992.5 units/mg
IR Identification Test	Passes test	Passes
Specific rotation $[\alpha]$	- 71° to -78° (C = 2, methanol)	-73.907°
Water (KF)	max. 10%	5.5%
Suitability for Tissue Culture	Passes	Passes
Not for medicinal use		

FRM/82/11/4/48535 Rev No. 1 Date 11/22/2018

Prepared by Komal

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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